

FORM PTO-1449	SERIAL NO. 10/003,352	CASE NO. 10402/15
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE November 1, 2002	GROUP ART UNIT 1653 TBA
(use several sheets if necessary)	APPLICANT(S): Dr. Christof Westenfelder	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE	
KB	A1 6,274,158 B1	08/14/01	Czeizler	424 423		

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A					

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
KB	A2	Adamson, J., et al., "Erythropoietin for End-Stage Renal Disease," The New England Journal of Medicine, Vol. 339, August 27, 1998, pp. 625-726.
KB	A3	Allgren, R., et al., "Anaritide in Acute Tubular Necrosis," The New England Journal of Medicine, Vol. 336, No. 12, March 20, 1997, pp. 828-834.
KB	A4	Allon, M., "Renal Abnormalities in Sickle Cell Disease," Arch Intern Med, Vol. 150, March 1990, pp. 501-504.
KB	A5	Bacallao, R., et al., "Molecular Events in the Organization of Renal Tubular Epithelium: From Nephrogenesis to Regeneration," American Physiological Society Editorial Review, 1989, pp. F913-F924.
KB	A6	Bachmann, S., et al., "Co-localization of Erythropoietin mRNA and Ecto-5'-Nucleotidase Immunoreactivity in Peritubular Cells of Rat Renal Cortex Indicates That Fibroblasts Produce Erythropoietin," The Journal of Histochemistry and Cytochemistry, Vol. 41, No. 3, 1993, pp. 335-341.
KB	A7	Banerjee, D., et al., "Exposure of Endothelial Cells to Recombinant Human Erythropoietin Induces Nitric Oxide Synthase Activity," Kidney International, Vol. 57, 2000, pp. 1895-1904.
KB	A8	Beeri, R., et al., "Rapid DNA Fragmentation from Hypoxia Along the Thick Ascending Limb of Rat Kidneys," Kidney International, Vol. 47, 1995, pp. 1806-1810.
KB	A9	Bonventre, J., "Pathogenetic and Regenerative Mechanisms in Acute Tubular Necrosis," Kidney Blood Press Res, 1998, Vol. 21, pp. 226-229.
KB	A10	Bonventre, J., et al., "Acute Renal Failure. I. Relative Importance of Proximal vs. Distal Tubular Injury," American Physiological Society Acute Renal Failure Forum, 1998, pp. F623-F631.
KB	A11	Bonventre, J., "Mechanisms of Ischemic Acute Renal Failure," Kidney International, Vol. 43, 1993, pp. 1160-1178.
KB	A12	Boom, H., et al., "Delayed Graft Function Influences Renal Function, But Not Survival," Kidney International, Vol. 58, 2000, pp. 859-866.
KB	A13	Chertow, G., et al., "Independent Association Between Acute Renal Failure and Mortality Following Cardiac Surgery," The American Journal of Medicine, Vol. 104, April 1998, pp. 343-348.

EXAMINER <i>KB</i>	DATE CONSIDERED <i>12-6-03</i>
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
OCT 12 2002 HS	A14	Cohen, G., "Caspases: The Executioners of Apoptosis," Biochem, Vol. J., 1997, pp. 1-16.
JAN 25 2002 HS	A15	Conger, J., "Interventions in Clinical Acute Renal Failure: What Are the Data?" American Journal of Kidney Diseases, Vol. 26, No. 4, October 1995, pp. 565-576.
PARENT & TRAU HS	A16	Daemen, M., et al., "Inhibition of Apoptosis Induced by Ischemia-reperfusion Prevents Inflammation," The Journal of Clinical Investigation, Vol. 104, No. 5, September 1999, pp. 541-549.
HS	A17	Eckardt, K., et al., "Distribution of Erythropoietin Producing Cells in Rat Kidneys During Hypoxic Hypoxia," Kidney International, Vol. 43, 1993, pp. 815-823.
HS	A18	Eschbach, J., "The Future of r-HuEPO," Nephrology Dialysis Transplantation, Vol. 10, No. 2 (suppl), 1995, pp. 96-109.
HS	A19	Frede, S., et al., "Erythropoietin Gene Expression is Suppressed After Lipopolysaccharide or Interleukin-1B Injections in Rats," American Physiological Society, 1997, pp. R1067-R1071.
HS	A20	Gregoli, P., et al., "The Roles of Bcl-X <sub>L</sub> and Apopain in the Control of Erythropoiesis by Erythropoietin," Blood, Vol. 90, No. 2, July 15, 1997, pp. 630-640.
HS	A21	Gregoli, P., et al., "Function of Caspases in Regulating Apoptosis Caused by Erythropoietin Deprivation in Erythroid Progenitors," Journal of Cellular Physiology, Vol. 178, 1999, pp. 133-143.
HS	A22	Hammerman, M., et al., "Therapeutic Use of Growth Factors in Renal Failure," Journal of the American Society of Nephrology, Vol. 5, No. 1, 1994, pp. 1-11.
HS	A23	Heidenreich, S., et al., "Direct Vasopressor Effect of Recombinant Human Erythropoietin on Renal Resistance Vessels," Kidney International, Vol. 39, 1991, pp. 259-265.
HS	A24	Hirschberg, R., et al., "Multicenter Clinical Trial of Recombinant Human Insulin-like Growth Factor I In Patients with Acute Renal Failure," Kidney International, Vol. 55, 1999, pp. 2423-2432.
HS	A25	Horiguchi, H., et al., "Cadmium and Platinum Suppression of Erythropoietin Production in Cell Culture: Clinical Implications," Blood, Vol. 96, No. 12, December 1, 2000, pp. 3743-3747.
HS	A26	Huang, C., et al., "Study of the Actions of Human Recombinant Erythropoietin on Rat Renal Haemodynamics," Clinical Science, Vol. 83, 1992, pp. 453-459.
HS	A27	Humes, D., "Acute Renal Failure: Prevailing Challenges and Prospects for the Future," Kidney International, Vol. 48, No. 50 (suppl), 1995, pp. S-26-S-32.
HS	A28	Jelkmann, W., "Erythropoietin: Structure, Control of Production, and Function," American Physiological Society, Vol. 72, April 1992, pp. 449-489.
HS	A29	Juul, S., et al., "Tissue Distribution of Erythropoietin and Erythropoietin Receptor in the Developing Human Fetus," Early Human Development, Vol. 52, 1998, pp. 235-249.
HS	A30	Kartha, S., et al., "Adenine Nucleotides Stimulate Migration in Wounded Cultures of Kidney Epithelial Cells," American Society for Clinical Investigation, Vol. 90, July 1992, pp. 288-292.
HS	A31	Kelly, K., et al., "Acute Renal Failure in the New Millennium: Time to Consider Combination Therapy," Seminars in Nephrology, Vol. 20, No. 1, January 2000, pp. 4-19.
HS	A32	Koury, S., et al., "Quantitation of Erythropoietin-Producing Cells in Kidneys of Mice by In Situ Hybridization: Correlation With Hematocrit, Renal Erythropoietin mRNA, and Serum Erythropoietin Concentration," Blood, Vol. 74, No. 2, August 1, 1989, pp. 645-651.
HS	A33	Krantz, S., "Erythropoietin," Blood, Vol. 77, No. 3, February 1, 1991, pp. 419-434.
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X S OAKS JAN 15 2002	A34	Kriz, W., et al., "Structural Organization of the Mammalian Kidney," <i>The Kidney: Physiology and Pathophysiology</i> , 2 <sup>nd</sup> Ed., 1992, pp. 707-777.
X S	A35	Lacombe, C., et al., "Peritubular Cells Are the Site of Erythropoietin Synthesis in the Murine Hypoxic Kidney," <i>the American Society for Clinical Investigation</i> , Vol. 81, February 1998, pp. 620-623.
PATENT TRADE	A36	Lieberthal, W., et al., "Graded ATP Depletion Can Cause Necrosis or Apoptosis of Cultured Mouse Proximal Tubular Cells," <i>the American Physiological Society</i> , 1998, pp. F315-F327.
X S	A37	Lieberthal, W., et al., "Necrosis and Apoptosis in Acute Renal Failure," <i>Seminars in Nephrology</i> , Vol. 18, No. 5, September 1998, pp. 505-518.
X S	A38	Maher, E., et al., "Prognosis of Critically-ill Patients with Acute Renal Failure: APACHE II Score and Other Predictive Factors," <i>Quarterly Journal of Medicine</i> , New Series 72, No. 269, September 1989, pp. 857-866.
X S	A39	Matas, A., et al., "Immunologic and Nonimmunologic Factors," <i>Transplantation</i> , Vol. 69, No. 1, January 15, 2000, pp. 54-58.
X S	A40	Maxwell, P., et al., "Identification of the Renal Erythropoietin-Producing Cells Using Transgenic Mice," <i>Kidney International</i> , Vol. 44, 1993, pp. 1149-1162.
X S	A41	McWhinnie, D., et al., "Morphometric Analysis of Cellular Infiltration Assessed by Monoclonal Antibody Labeling in Sequential Human Renal Allograft Biopsies," <i>Transplantation</i> , Vol. 42, No. 4, October 1986, pp. 352-358.
X S	A42	Miller, S., et al., "Effects on IGF-I on Renal Function in End-Stage Chronic Renal Failure," <i>Kidney International</i> , Vol. 46, 1994, pp. 201-207.
X S	A43	Molitoris, B., et al., "Cellular ATP Depletion Induces Disruption of the Spectrin Cytoskeletal Network," <i>Veterans Affairs Research Service</i> , 1996, pp. F790-F798.
X S	A44	Molitoris, B., et al., "The Role of Cell Adhesion Molecules in Ischemic Acute Renal Failure," <i>The American Journal of Medicine</i> , Vol. 106, May 1999, pp. 583-592.
X S	A45	Muirhead, N., "Erythropoietin and Renal Transplantation." <i>Kidney International</i> , Vol. 55, No. 69 (suppl), 1999, pp. S-86-S-92.
X S	A46	Nemoto, T., et al., "Recombinant Erythropoietin Rapidly Treats Anemia in Ischemic Acute Renal Failure," <i>Kidney International</i> , Vol. 59, 2001, pp. 246-251.
X S	A47	Nielsen, O., et al., "Erythropoietin Deficiency in Acute Tubular Necrosis," <i>Journal of Internal Medicine</i> , Vol. 227, 1990, pp. 373-380.
X S	A48	Nogae, S., et al., "Induction of Apoptosis in Ischemia-Reperfusion Kidney Model: Appearance of DNA Strand Breaks and Expression of FAS mRNA," <i>Journal of American Society of Nephrology</i> , Vol. 5, 1994, pp. 905a.
X S	A49	Nushiro, N., et al., "Recombinant Human Erythropoietin Stimulates Tubular Reabsorption of Sodium in Anesthetized Rabbits," <i>Hypertens Res</i> , Vol. 18, No. 3, 1995, pp. 203-207.
X S	A50	Ortiz, A., et al., "Apoptosis-Related Fas RNA is Expressed by Renal Cells and Increased in Renal Damage," <i>Journal of American Society of Nephrology</i> , Vol. 4, 1993, pp. 496a.
X S	A51	O'Shea, M., et al., "Growth Hormone and the Kidney: A Case Presentation and Review of the Literature," <i>Journal of the American Society of Nephrology</i> , Vol. 3, No. 2, 1992, pp. 157-161.
X S	A52	O'Shea, M., et al., "Effects of IGF-I on Renal Function in Patients with Chronic Renal Failure," <i>the American Physiological Society</i> , 1993, pp. F917-F922.
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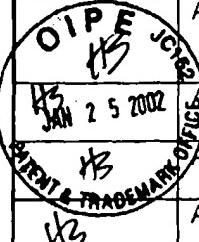
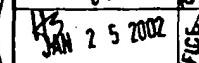
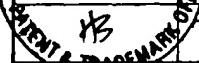
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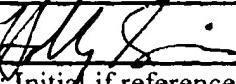
EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
OTPS KS	A53	Prommool, S., et al., "Time Dependency of Factors Affecting Renal Allograft Survival," Journal of the American Society of Nephrology, Vol. 11, 2000, pp. 565-573.
JAN 25 2002 KS PATENT & TRADEMARK OFFICE	A54	Sawyer, S. et al., "The Functional Form of the Erythropoietin Receptor is a 78-kDa Protein: Correlation with Cell Surface Expression, Endocytosis, and Phosphorylation," Proc. Natl. Acad. Sci., Vol. 90, July 1993, pp. 6849-6853.
KS	A55	Schelling, J., et al., "Fas-Dependent Fratricidal Apoptosis Is a Mechanism of Tubular Epithelial Cell Depletion in Chronic Renal Failure," Case Western Reserve University School of Medicine, Cleveland, Ohio, 1997, pp. 12.
KS	A56	Schumer, M., et al., "Morphologic, Biochemical, and Molecular Evidence of Apoptosis During the Reperfusion Phase After Brief Periods of Renal Ischemia," American Journal of Pathology, Vol. 140, No. 4, April 1992, pp. 831-838.
KS	A57	Shimizu, A., et al., "Apoptosis and Cell Desquamation in Repair Process of Ischemic Tubular Necrosis," Virchows Archiv B Cell Pathology, Vol. 64, 1993, pp. 171-180.
KS	A58	Siren, A., et al., "Erythropoietin Prevents Neuronal Apoptosis After Cerebral Ischemia and Metabolic Stress," PNAS, Vol. 98, No. 7, March 27, 2001, pp. 4044-4049.
KS	A59	Star, R., "Treatment of Acute Renal Failure," Kidney International, Vol. 54, 1998, pp. 1817-1831.
KS	A60	Tan, C., et al., "Erythropoietin Production in Rats with Post-Ischemic Acute Renal Failure," Kidney International, Vol. 50, 1996, pp. 1958-1964.
KS	A61	Toback, F., "Regeneration After Acute Tubular Necrosis," Kidney International, Vol. 41, 1992, pp. 226-246.
KS	A62	Vaziri, N., et al., "Erythropoietin Enhances Recovery from Cisplatin-Induced Acute Renal Failure," the American Physiological Society, 1994, pp. F360-F366.
KS	A63	Venekatachalam, M., et al., "Ischemic Damage and Repair in the Rat Proximal Tubule: Differences Among the S <sub>1</sub> , S <sub>2</sub> , and S <sub>3</sub> Segments," Kidney International, Vol. 14, 1978, pp. 31-49.
KS	A64	Weinberg, J., "The Cell Biology of Ischemic Renal Injury," Kidney International, Vol. 39, 1991, pp. 476-500.
KS	A65	Westenfelder, C., "Mitogenic and Motogenic Actions of Erythropoietin (EPO) on Tubular Cells Appear To Accelerate Functional Recovery from Ischemic Acute Renal Failure (ARF) in Rats," Journal of American Society of Nephrology, Vol. 11, 2000, pp. 597a.
KS	A66	Westenfelder, C., et al., "Renal Tubular Function in Glycerol-Induced Acute Renal Failure," Kidney International, Vol. 18, 1980, pp. 432-444.
KS	A67	Westenfelder, C., et al., "Anti-Apoptotic, Mitogenic and Motogenic Actions of Erythropoietin on Tubular Cells Protect Renal Function and Accelerate Recovery From Ischemic Acute Renal Failure in Rats," Kidney International, Vol. 49, No. 1, January 2001, pp. 319.
KS	A68	Westenfelder, C., et al., "Human, Rat, and Mouse Kidney Cells Express Functional Erythropoietin Receptors," Kidney International, Vol. 55, 1999, pp. 808-820.
KS	A69	Westenfelder, C., et al., "Erythropoietin Stimulates Proliferation of Human Renal Carcinoma Cells," Kidney International, Vol. 58, 2000, pp. 647-657.

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	A70	Witzhall, R., et al., "Localization of Proliferating Cell Nuclear Antigen, Vimentin, c-Fos, and Clusterin in the Postischemic Kidney," Journal of Clinical Investigations, Vol. 93, May 1994, pp. 2175-2188.
	A71	Wood, P., et al., "Cisplatin-Associated Anemia: An Erythropoietin Deficiency Syndrome," Journal of Clinical Investigations, Vol. 95, April 1995, pp. 1650-1659.
	A72	Yaoita, H., et al., "Attenuation of Ischemia/Reperfusion Injury in Rats by a Caspase Inhibitor," American Heart Association, Vol. 97, 1998, pp. 276-281.
	A73	Youssoufian, H., et al., "Structure, Function, and Activation of the Erythropoietin Receptor," Blood, Vol. 81, No. 9, May 1, 1993, pp. 2223-2236.

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## REFERENCE DESIGNATION      U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
HS	B1	Nemoto et al., "Recombinant Erythropoietin Rapidly Treats Anemia in Ischemic Acute Renal Failure," J. Am. Soc. Nephrol. September 2000, Vol. 11, p. 594A, Abstract A3134.
HS	B2	Nemoto et al., "Recombinant Erythropoietin Rapidly Treats Anemia in Ischemic Acute Renal Failure," Kidney Intl. January 2001, Vol. 59, pp. 246-251, especially p. 246, Col. 1, 1 <sup>st</sup> para.; p. 247, Col. 1, 1 <sup>st</sup> para.; pp. 249-250, Discussion.
HS	B3	Tan et al., "Erythropoietin Production in Rats with Post-Ischemic Acute Renal Failure," Kidney Intl. 1996, Vol. 50, pp. 1958-1964, especially abstract, p. 1963, Col. 2, last para.
HS	B4	Westenfelder et al., "Erythropoietin (EPO) Treatment Ameliorates Ischemic Acute Renal Failure (ARF) in Rats by its Anti-Apoptotic, Motogenic, and Mitogenic Actions," J. Am. Soc. Nephrol., September 2001, Vol. 12, Program and Abstract Issue, p. 739 A, Abstract A3857.
HS	B5	Westenfelder et al., "Anti-Apoptotic, Mitogenic, and Motogenic Actions of Erythropoietin on Tubular Cells Protect Renal Function and Accelerate Recovery from Ischemic Acute Renal Failure in Rats," J. Invest. Med. January 2001, Vol. 49, No. 1, p. 89A, Abstract 319.
HS	B6	Westenfelder et al., "Mitogenic and Motogenic Actions of Erythropoietin (EPO) on Tubular Cells Appear to Accelerate Recovery from Ischemic Acute Renal Failure (ARF) in Rats," J. Am. Soc. Nephrol September 2000, Vol. 11, Program and Abstract Issue, p. 597A, Abstract A3148.
HS	B7	Westenfelder et al., "Unexpected Renal Actions of Erythropoietin," Exp. Nephrol. 2002, Vol. 10, pp. 294-298, especially Abstract, p. 296, Col. 1, 3 <sup>rd</sup> para. and section (c) on pp. 296-297
HS	B8	Copy of International Search Report corresponding to PCT Application PCT/US02/35164 dated June 4, 2003, 3 pages.

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